

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method comprising:
detecting, by a portable computer system, a docking device class circuit present
in on a bus connecting a docking station to which the portable computer
system is docked, the portable computer system and the docking station
being connected by a bus therebetween; and
obtaining by the portable computer system, a description of at least one device in
the docking station from the docking device class circuit by obtaining a list
of devices under the control of the docking device class circuit, wherein
the obtaining of the list of devices includes obtaining the list of devices
under the control of a general purpose I/O device under the control of the
docking device class circuit.
2. (Original) The method of Claim 1, further comprising:
controlling the at least one device via commands appropriate to the bus.
3. (Original) The method of Claim 2, wherein the bus comprises at least one
Universal Serial Bus, at least one Peripheral Component Interconnect Bus, or at
least one AT bus, or at least one wireless bus, or at least one optical bus.
4. (Original) The method of Claim 2, wherein said controlling the at least one
device via commands appropriate to the bus further comprises:
controlling at least one device associated with docking.

5. (Original) The method of Claim 2, wherein said controlling the at least one device via commands appropriate to the bus further comprises:
controlling at least one power supply in a docking station.
6. (Original) The method of Claim 5, wherein said controlling at least one power supply in a docking station further comprises:
activating a power supply having voltage appropriate to a portable computer system.
7. (Original) The method of Claim 2, wherein said controlling the at least one device via commands appropriate to the bus further comprises:
controlling at least one power rail that supplies power to a portable computer system.
8. (Original) The method of Claim 1, wherein said detecting a docking device class circuit present on a bus further comprises:
detecting an identifier associated with the docking device class circuit.
9. (Original) The method of Claim 8, wherein said detecting an identifier associated with the docking device class circuit further comprises:
detecting an identification number reserved for the docking device class circuit.
10. (Cancelled).
11. (Previously Presented) A method comprising:
detecting a docking device class circuit present on a bus; and
obtaining a description of at least one device in a docking station from the docking device class circuit by obtaining a list of devices under the control

of the docking device class circuit, wherein the obtaining a list of devices includes obtaining a list of devices under the control of a general purpose I/O device under the control of the docking device class circuit.

12. (Previously Presented) A method comprising:
detecting a docking device class circuit present on a bus; and
obtaining a description of at least one device in a docking station from the docking device class circuit by obtaining a list of devices under the control of the docking device class circuit, wherein the obtaining a list of devices includes obtaining driver code appropriate to the at least one device.
13. (Previously Presented) A method comprising:
detecting a docking device class circuit present on a bus; and
obtaining a description of at least one device in a docking station from the docking device class circuit by obtaining a list of devices under the control of the docking device class circuit, wherein the obtaining a list of devices includes obtaining driver code appropriate to the docking device class circuit.
14. (Previously Presented) A method comprising:
detecting a docking device class circuit present on a bus; and
obtaining a description of at least one device in a docking station from the docking device class circuit by obtaining a list of devices under the control of the docking device class circuit, wherein the obtaining a list of devices includes obtaining driver code combination set appropriate to both the docking device class circuit and the at least one device.

15. (Previously Presented) A method comprising:
detecting a docking device class circuit present on a bus; and
obtaining a description of at least one device in a docking station from the
docking device class circuit by obtaining a list of devices under the control
of the docking device class circuit, wherein the obtaining a list of devices
includes obtaining a bus description table from the docking device class
circuit.
16. (Previously Presented) A method comprising:
detecting a docking device class circuit present on a bus; and
obtaining a description of at least one device in a docking station from the
docking device class circuit by obtaining a list of devices under the control
of the docking device class circuit, wherein the obtaining a list of devices
includes obtaining a description of at least one Peripheral Component
Interconnect bus resident within a docking device, or at least one
Universal Serial Bus resident within a docking device, or at least one
Accelerated Graphics Port Bus resident within a docking device, or at
least one AT bus resident within a docking device, or at least one
proprietary bus, or at least one wireless bus, or at least one optical bus.
17. (Currently Amended) A docking station comprising:
a docking connector for coupling a portable computer system to the docking
station; and
a docking device class circuit, coupled to the docking connector the docking
device class circuit providing the portable computer system with a
description of at least one device in the docking station by obtaining a list
of devices under the control of the docking device class circuit, including

obtaining a list of devices under the control of a general purpose I/O
device under the control of the docking device class circuit.

18. (Original) The docking station of Claim 17, further comprising:
the docking device class circuit operably coupled to a device associated with
docking.
19. (Original) The docking station of Claim 18, further comprising:
the docking device class circuit operably coupled to at least one device
associated with ad hoc functions or at least one power supply device.
20. (Cancelled).
21. (Previously Presented) A docking station comprising:
a docking device class circuit having a bus description table.
22. (Previously Presented) A docking station comprising:
a docking device class circuit; and
at least one optical connector or at least one wireless connector.

Claim 23 - 55 (Cancelled).